



ELECTRONICA

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Annual Newsletter



Electronics and Communication Engineering
Federal Institute of Science And Technology (FISAT)[®]



About us...

The Department of Electronics and Communication Engineering was instituted along with the establishment of the institute in 2002. From its inception, the department has steadfastly pursued academic excellence, guided by a team of highly qualified, experienced, and committed faculty members. It emphasizes building strong conceptual foundations while keeping students abreast of the latest technological advancements and emerging developments in the discipline of Electronics and Communication Engineering.

The department is supported by well-equipped, state-of-the-art laboratories that strengthen practical learning and effectively complement theoretical instruction. These facilities cater not only to curriculum-based experiments but also inspire students to engage in research, innovation, and development activities. The laboratories cover major domains such as Electronic Devices and Circuits, Linear and Digital Integrated Circuits, Microprocessors and Microcontrollers, Software-Defined Radio (SDR), Digital Signal Processing, Microwave Engineering, Optical Communication, and Antenna Design. For advanced analysis, simulation, and design, the labs are furnished with industry-relevant software tools including SCILAB,

CADENCE Design Suite, ANSOFT, SPICE tools, Xilinx ISE, VIVADO, GNU Radio Companion, and MATLAB. All classrooms are also enabled with modern audio-visual facilities to enrich the teaching-learning experience.

The department has consistently maintained commendable academic performance, with students securing excellent results in university examinations. It also demonstrates a strong placement record, with graduates employed in reputed national and multinational organizations. Students have received placements in prominent companies such as Robert Bosch, DCT, VVDN Technologies, TCS, UST Global, IBS, RMESI, CoreEL, Speridian Technologies, Tata Elxsi, Kalki Tech, Procsys, and several others, reflecting the department's dedication to producing competent and industry-ready professionals.

To strengthen industry-academia collaboration, the department frequently organizes guest lectures, expert talks, and technical demonstrations by professionals from leading organizations on contemporary topics in Electronics and Communication Engineering. Students are further provided with valuable exposure through industrial visits and practical training programs at renowned establishments including

BSNL, Keltron, FACT, CIAL, Air India, OEN, and Tata Communications, enabling them to gain real-world engineering insights.

Through Faculty Development Programs (FDPs), the department actively motivates faculty members to participate in seminars, workshops, and training initiatives across diverse domains, promoting continuous professional development and academic excellence. Additionally, a wide spectrum of co-curricular and extracurricular activities—such as conferences, workshops, technical quizzes, project expos, design competitions, paper presentations, and personality development programs—are organized to enhance students' technical proficiency, creativity, leadership qualities, and soft skills.

Our VISION

To emerge as a centre of excellence in Electronics and Communication Engineering churning out informed, innovative, socially committed and quality conscious engineers for the society.

Our MISSION

Foster an environment for multifaceted education rooted in science and contemporary technology

Facilitate quality research and development leading to innovations in the field of Electronics and Communication Engineering

Develop competent young engineers to complement the virtues of the society

PROGRAM SPECIFIC OUTCOMES

After the successful completion of the course, students of the Electronics and Communication Engineering Program will have:

The ability to apply the fundamental knowledge of Electronics and Communication Engineering to analyze, design and develop various types of electronic systems.

Competence in using modern hardware and software tools for developing solutions to engineering problems.

Excellent adaptability to the changing industrial and real world requirements.

PROGRAM EDUCATIONAL OBJECTIVES

Graduates of the program will have the technical expertise to analyze and design hardware and software components of electronic systems, benefiting industry and society.

Graduates of the program will be able to exhibit excellence in the field of Electronics and Communication Engineering and contribute significantly in research and development, enterprise and leadership.

Graduates of the program will be successful, ethically driven professionals with a passion for continuous learning.

Contents...

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Message...

Mr. Shimith P R, Chairman

A remarkable trajectory marked by unwavering zeal and strength aptly reflects the remarkable performance of the Department of Electronics and Communication Engineering, significantly contributing to the ever-growing stature of FISAT. The steadfast commitment and relentless efforts of the faculty are evident across academic, co-curricular, and allied domains, forming the foundation of the department's rising prominence.

Applaudable placement records, notable academic accomplishments, and technically advanced projects aligned with emerging trends stand as clear testimony to the department's collective dedication and pursuit of excellence. On the momentous occasion of releasing the 8th volume of the departmental newsletter, Electronica, I extend my heartfelt congratulations to the committed faculty and students whose diligent efforts have made this edition possible. A stellar ascent marked by relentless passion and academic rigor perfectly encapsulates the exceptional performance of the Department of Electronics and Communication Engineering, significantly enhancing the distinguished reputation of FISAT



Message...

Dr. Manoj George, Principal

It gives me immense pleasure to note the steady growth and commendable achievements of the Department of Electronics and Communication Engineering at FISAT. The department has consistently demonstrated academic excellence, innovative research, and strong industry engagement, reflecting its commitment to nurturing competent and socially responsible engineers.

The dedication of the faculty and the enthusiasm of the students are evident in the department's impressive placements, quality projects, research initiatives, and vibrant co-curricular activities. Such collective efforts not only enhance the department's stature but also significantly contribute to the overall vision and mission of the institution.

On the occasion of releasing this edition of the departmental newsletter, Electronica, I extend my sincere appreciation to the faculty and students for their hard work and creativity in bringing out this publication. I wish the department continued success in its pursuit of excellence and innovation in the years ahead.



Message...

Dr. C Sheela, Vice Principal

As we continue our journey of academic excellence and innovation, I encourage every student and faculty member to embrace learning with curiosity and determination. In a world driven by rapid technological advancements, it is your creativity, perseverance, and ethical values that will set you apart and shape meaningful careers.

Let us strive not only for academic success but also for personal growth, leadership, and social responsibility. Together, through collaboration and commitment, we can transform challenges into opportunities and ideas into impactful solutions. I wish each one of you continued success and inspiration as we work collectively toward a brighter and more progressive future



Message...

Dr. Mini P R, Dean Academics

It is a matter of great pride to witness the consistent growth and achievements of the Department of Electronics and Communication Engineering at FISAT. The department has continually upheld high academic standards while embracing innovation, research, and industry-oriented practices, thereby preparing students to meet evolving technological challenges.

The dedicated efforts of the faculty and the active participation of students are clearly reflected in the department's commendable academic results, quality projects, placements, and vibrant co-curricular initiatives. Such collective commitment significantly contributes to the institution's vision of excellence in technical education.

I congratulate the editorial team on the release of this edition of the departmental newsletter, Electronica, and appreciate the enthusiasm and hard work of the faculty and students involved. I wish the department continued success in its pursuit of knowledge, innovation, and societal impact

Heartfelt Gratitude!!!



Message...

Prof. Dr. S. Krishna Kumar, HoD, Dept of ECE



Words alone cannot truly capture the meticulous efforts invested by the Department of Electronics and Communication Engineering in securing numerous accolades across diverse domains. Intra-departmental forums such as ECHO, the Hobby Club, and others continue to enhance the vibrancy of the department by nurturing curiosity and inspiring budding engineers through intellectually stimulating competitions. The unwavering enthusiasm of the faculty

resonates with the students, who actively take the lead in organizing events and developing innovative projects. It is with great pride and respect that I extend my heartfelt commendations to the dedicated team behind Electronica Volume 8 for their tireless efforts in bringing this edition to life.

Words of gratitude!!

The Department of Electronics and Communication Engineering expresses its sincere gratitude to Dr. Anilkumar M.N., our former Head of the Department for the invaluable leadership, guidance, and dedicated service rendered during the tenure. The vision, commitment, and relentless efforts have significantly contributed to the academic growth, professional excellence, and overall development of the department.



Warm Welcome!!!

The Department of Electronics and Communication Engineering is pleased to welcome Dr. S. Krishnakumar, our new Head of the Department. We look forward to a phase of continued growth, academic excellence, and innovation under the new leadership.

We are confident that the vision, experience, and guidance of the new HoD will further strengthen the department's academic culture, research initiatives, and student development. The department extends its best wishes for a successful and impactful tenure ahead.



Team ECE



Activities of Students

S.N.	Name of the Student	Name of the Event	State / National / International level	Date of Event	Name of the award if any
1	Muskan m. a.	Cerd student project	State level	2023	Got funding
2	Nima subair	Cerd student project	State level	2023	Got funding
3	Nimah mahrin	Cerd student project	State level	2023	Got funding
4	Hayuna Shameem	Entrepreneurship And Innovation	State	20-07-2022 to 27-07-2022	Participated
5	A Akshay	Thathva	State	23-10-2022 to 23-10-2022	Participated
6	Aarcha Santhosh Maliyakal	Thathva	State	23-10-2022	Participated
7	Adheena Merin Babu	Embedded System	State	27-12- 2022 to 31-12- 2022 & 2-01-2023, 12-01-2023	Participated
8	Adithya Kumar A	Biomedical Instrumentation	State	21-10-2022	Participated
9	Akhil S Kumar	Biomedical Instrumentation	State	22-10-2022	Participated
10	Amal Haleel	Tekwiza 2022	State	02-12-2022	Participated
11	Amal Haleel	Tekwiza Quiz Competition	State	03-12-2022	Participated
12	Amal Haleel	Offline MI Workshop	State	02-12-2022 to 03-12-2022	Participated
13	Anagha K R	Flair	State	10-09-2022	Participated
14	Andriya Merlin Stalin	Crypto Currency And Blockchain	State	01-02-2022	Participated
15	Anuroop K. Sajeevan	Biomedical Instrumentation	State	22-10-2022	Participated
16	Arya Menon	Tathva'22	State	22-10-2022	Participated
17	Aswanth G	Pulso	State	18-04-2023	Participated

18	Aswin Haridas	Basics Of Autocad	National	14-01-2023	Participated
19	Athul Ajayakumar	Self Driving Electric Vehicles	National	28-01-2023 to 28-01-2023	Participated
20	Athul Ajayakumar	Hackathon	National	31-03-2023 to 01-04-2023	Participated
21	Athul Ajayakumar	Project Expo	State	18-11-2022 to 19-11-2022	Participated
22	Athul Anoob	Basic Of Autocad	National	14-01-2023	Participated
23	Athulkrishna S	Project Expo	State	18-11- 2022 to 19-11-2022	Participated
24	Athulkrishna S	Basics Of Autocad & Sketchup	National	14-01-2023	Participated
25	Atul Krishna C S	Basics Of Autocad And Sketchup	National	14-01-2023	Participated
26	Joshua Alex Mathews	Fix It Frenzy	National	15-04-2023	Participated
27	Malavika Pradeep	Tathva 2022	State	23-10-2022	Participated
28	Malavika Pradeep	Android App Development	State	23-10-2022	Participated
29	Malavika Pradeep	Self Driving Electric Vehicles	National	28-01-2023	Participated
30	Nandhitha Lakshmanan	Arduino Workshop	State	21-10-2022	Participated
31	Navya Jose	Arduino	State	21-10-2022 to 22-10-2022	Participated
32	Neena J Ukken	Arduino	State	21-10-2022 to 22-10-2022	Participated
33	Nimmy Joshy	Arduino	State	21-10-2022 to 22-10-2022	Participated
34	Nivedhitha. M	Arduino	State	21-10-2022 to 22-10-2022	Participated
35	Nova P.G	Arduino	State	21-10-2022	Participated

				to 22-10-2022	
36	Joseph Thomas	Programming Competition	State	22-10-2022	Participated
37	Lakshmi Kt	Quiztopia	State	22-03-2023	Participated
38	Joseph K Thomas	Digital Marketing	State	23-10-2022	Participated
39	Karthik K	Autonomous Driving Systems And Machine Learning	State	22-10-2022	Participated
40	Karthik K	Autonomous Driving System And ML	State	22-10-2022	Participated
41	Karthik K	Self Driving Electric Vehicles	National	28-01-2023	Participated
42	Karthik C	Autonomous Driving Systems And ML	State	21-10-2022	Participated
43	Karthik C	Self Driving Electric Vehicles	National	28-01-2023	Participated
44	Karthik C	Role Of Higher Education In Uplifting Sustainability	National	30-01-2023	Participated
45	Karthik C	Dance Workshop By Hip Hop India	State	12-03-2023	Participated
46	Kavya O	Ethical Hacking	State	22-10-2022	Participated
47	Kavya O	Basics Of Stock Market By Groww	National	28-01-2023	Participated
48	Kavya O	Self Driving Electric Vehicles	National	28-01-2023	Participated
49	Kevin Shaji Abraham	Full Stack Web Development	State	23-10-2022	Participated
50	Krishna Nanda Pk	Workshop On Ethical Hacking	State	22-10-2022	Participated
51	Krishna Nanda Pk	Basics Of Stock Market Investing	National	28-01-2023	Participated
52	Krishna Nanda Pk	Self Driving Electronic Vehicles	National	28-01-2023	Participated
53	Lakshmi Kt	Cyber Security	State	21-10-2022	Participated
54	Maidhili Hari	Cyber Security	State	21-10-2022	Participated
55	Maria Roy	Tathva 22	State	10-21-2022	Participated
56	Maria Roy	Tathva	State	21-10-2022	Participated

57	Maria Theresa Paulson	Cyber Security	State	21-10-2022	Participated
58	Martha Maria Joji	Ethical Hacking	State	22-10-2022	Participated
59	Mathew Biju	Basics Of IC Engine And ECU Tuning	State	23-10-2022	Participated
60	Mathew Biju	Honda Workshop	State	11-03-2023	Participated
61	Mohammad Ijlal	Ethical Hacking	State	10-22-2022	Participated
62	Mohammad Ijlal	Basic Of Stock Market Investing By Groww	National	1-28-2023	Participated
63	Mohammad Ijlak	Ethical Hacking	State	22-10-2022	Participated
64	N A Muhammed Ajmal	Ethical Hacking	State	22-10-2022	Participated
65	N A Muhammed Ajmal	Basics Of Autocad & Sketchup	National	14-01-2023	Participated
66	N A Muhammed Ajmal	Basics Of Autocad & Sketchup	National	14-01-2023	Participated
67	Nayana Unnikrishnan	Python Programming	State	21-10-2022	Participated
68	Neha Ann Christopher	Instagram Cloning Using Html And Css	State	24-09-2022	Participated
69	Neha Ann Christopher	Rtl Design And Verification	State	16-10-2022	Participated
70	Neha Ann Christopher	Python	State	09-11-2022	Participated
71	Nihal Fairouz E S	Autonomous Driving System And Machine Learning	State	21-10-2022	Participated
72	Nikitha C	Ethical Hacking	State	22-10-2022	Participated
73	Nikitha C	Self Driving Electric Vehicle	National	28-01-2023	Participated
74	Nivedhitha D	Autonomous Driving Systems And Machine Learning	State	22-10-2022	Participated
75	Nivedhitha D	Autonomous Driving And Machine Learning	State	22-10-2023	Participated
76	P S Suryanarayanan	Tathva 22	State	22-10-2022	Participated
77	P S Suryanarayanan	Self Driving Electric Vehicles	National	28-01-2023	Participated

78	P Sreya	Cyber Security	State	21-10-2022	Participated
79	P Sreya	Cyber Security	State	21-10-2022	Participated
80	P Sreya	Cyber Security	State	22-02-2022	Participated
81	Rose Maria Shine	Cyber Security	State	21-10-2022	Participated
82	Rose Maria Shine	Cyber Security	State	21-10-2023	Participated
83	Rose Maria Shine	Cyber Security	State	21-10-2022	Participated
84	Rose Maria Shine	Self Driving Electric Vehicles	National	28-01-2023	Participated
85	Rosna Shaji	Tathva	State	21-10-2022	Participated
86	Rosna Shaji	Tathva'22 - Cyber Security	State	21-10-2022	Participated
87	Sandesh Girish	Self Driving Electric Vehicles	National	29-01-2023	Participated
88	Sathyabhama Shibu	Basics Of Stock Market Investing	National	28-01-2023	Participated
89	Sathyabhama Shibu	Self Driving Electric Vehicles	National	28-01-2023	Participated
90	Shahana Muhammed Ali	Ethical Hacking	State	22-10-2022	Participated
91	Shahana Muhammed Ali	Self Driving Electric Vehicles	National	28-01-2023	Participated
92	Shahana Muhammed Ali	Ethical Hacking	State	22-10-2022	Participated
93	Sidharth Biju	Tathva 22	State	23-10-2022	Participated
94	Sinaan Hussain	Digital Marketing	State	15-10-2022	Participated
95	Sinaan Hussain	Autonomous Driving Systems And Machine Learning	State	15-10-2022	Participated
96	Sinaan Hussain	Autonomous Driving Systems And Machine Learning	State	15-10-2022	Participated
97	Sivani N.O	Cyber Security	State	24-10-2022	Participated
98	Sneha Saji	Autonomous Driving System And Machine Learning	State	22-10-2022	Participated

99	Sneha Saji	Autonomous Driving System And ML	State	22-10-2022	Participated
100	Sneha Saji	Public Speaking	State	11-03-2023	Participated
101	Sooraj K S	Full Stack Web Development	State	22-10-2022	Participated
102	Sourav P	Autonomous Driving Systems And Machine Learning	State	21-10-2022	Participated
103	Sourav P	Basics Of Stock Marketing	National	28-01-2023	Participated
104	Sourav P	Self Driving Electric Vehicles	National	28-01-2023	Participated
105	Sreehari P Shaiju	Self Driving Electric Vehicles	National	28-01-2023	Participated
106	Sreelakshmi S	Basics Of Autocad And Sketchup	National	14-01-2023	Participated
107	Sreepadlal K	Tathva	State	21-10-2022	Participated
108	Thejas Kn	Self Driving Electrical Vehicles	National	29-01-2023	Participated
109	Thejas Kn	Autonomous Driving System And Machine Learning	State	22-10-2022	Participated
110	Thejas Kn	Self Driving	National	28-01-2023	Participated
111	Thejas Kn	Robotics	State	11-03-2023	Participated
112	Thomas Jose	Android App Development	State	23-10-2022	Participated
113	Tina C L	Arduino	State	21-10-2022	Participated
114	Vimal M	Ethical Hacking	State	22-10-2022	Participated
115	Vimal M	Role Of Higher Education In Uplifting Sustainability	State	30-01-2023	Participated
116	Vishnu Pradeepkumar	Cyber Security	State	21-10-2022	Participated
117	Yadu Sankar M M	Electric Vehicles	State	21-10-2022	Participated
118	Yasin Ashraf	Digital Marketing	State	22-10-2022	Participated
119	Joseph Johnson	Ragam	State	11-03-2023	Participated

120	Nandhana Johnson	Ragam	State	12-03-2023	Participated
121	Minha Arif	Ragam	State	12-03-2023	Participated
122	Mohamed Afsal	Ragam	State	12-03-2023	Participated
123	Jinan T	Ragam	State	12-03-2023	Participated
124	Sanal Raj Kv	Ragam	State	12-03-2023	Participated
125	Irfan Ali Shah	Ragam	State	11-03-2023	Participated
126	Peter Francis	Ragam	State	11-03-2023	Participated
127	Hisham Mohamed K M	Ragam	State	12-03-2023	Participated

ECHO ACTIVITIES:

UNDERSTANDING DFT EQUATION: A GRAPHICAL PERSPECTIVE

Department of Electronics Communication Engineering in FISAT in association with ECHO and ISTE, Organized a Tech- Talk on “UNDERSTANDING DFT EQUATION: A GRAPHICAL PERSPECTIVE” on 9th March 2023 in offline mode (SB 318). This talk is organized as a part of 5th semester course Digital Signal Processing (ECT 303) for 3rd year ECE students and was coordinated by Ms. Jilu George, Assistant Professor/ECE and Ms. Minu Kuriakose, Assistant Professor/ECE . The speaker was Mr. Basil K.Jeemon, Assistant Professor, ECE, FISAT.

The lecture started at 10 am and ended by 12 Noon. Around 84 students attended the talk. The objective of the technical talk was to demonstrate the DFT operation from a graphical perspective. The DFT equation is one of the fundamental concept of digital signal processing. We often see that students get lost in the equations and they fail to see the big picture of Fourier analysis. This talk was delivered in such a way that the students are able to better appreciate the DFT equation in a graphical perspective. This enables them to have a better understanding and motivation to learn further. The students found the lecture extremely informative.



ACARR Field visit

As a part of the subject MICROWAVES AND ANTENNAS (ECT 401) for the seventh semester B.Tech Electronics and Communication Engineering (ECE) students, a field visit was organized to the Advanced Center for Atmospheric Radar Research (ACARR) , CUSAT.

The field visit was conducted on 21/11/22 for the EC B batch and on 22/11/22 for the EC A Batch.

The students could experience and learn from the facilities available in the ACARR which included the VHF Wind Profiling Radar, GPS Radiosonde, 32m automatic weather station, microwave radiometer, 2d video disdrometer, ceilometer, Micro rain radar etc. The highlight of the visit was the ST radar facility and learning from the scientists the working of the same for wind profiling.



Awareness on Disaster Management

The talk was organized by the faculties of ECE Department in association with SWAN, as part of the subject Disaster Management. In the talk, Mr. Jawahar Saud sir Assistant Professor from Civil Engineering Department was the resource person and he discussed about disaster risk and about the 2018 flood that affected Kerala. Kerala is considered as zone 3 in the case of the disaster risk and the next important thing that discussed here was , understanding the disaster risk by disaster risk, hazard exposure and vulnerability. The faculties Ms. Anu K.Kuriakose, Ms. Jeslin P. Jo. and Ms. Aiswariya Raj also took part in this event.



Agnitio 2k22:

The Technical Fest of the Department of Electronics and Communication Engineering, Agnitio 2k22, organized by ECHO (Association of ECE), was successfully conducted on 2nd June 2022. The event featured a series of technical competitions, workshops, technical talks, and a project expo aimed at enhancing students' technical skills and knowledge. Activities included a technical writing competition Escritura Technica, a technical quiz COGNIZ, multiple hands-on workshops on FPGA design and Digital Frontend Design, technical talks on LaTeX and Software Testing, and a project exhibition ExpoZest. The fest witnessed active participation from students across various semesters and was supported by dedicated faculty members. The program concluded with a general meeting addressed by the Chairman, FISAT, followed by the distribution of prizes for competitions organized by ECHO and the Hobby Club.



FACULTY PUBLICATIONS

Sl No	Name of Faculty	Title of Paper	Name of Conference / Name of publishers	Year
1	Basil K Jeemon	PAPR reduction using constrained convex optimization for vector OFDM	Annals of Telecommunications	2022-23
2	Ambili A R	The Effect of Synthetic Voice Data Augmentation on Spoken Language Identification on Indian Language	<u>January 2023</u> <u>IEEE Access PP(99):1-1</u>	January 2023
3	Subha Thomas	Brain Tumour Classification Using MRI Image- A Survey	<u>2023 3rd International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS)</u>	May 2023
4	Vinitha V, Jeslin P Jo	Computer Aided Detection of skin cancer Detection from Lesion images via Deep learning technique	Ijrasnet Journal For Research in Applied Science and Engineering Technology	April 2023

5	Vinitha V,Jeslin P Jo	Cervical Cancer Detection through UNet++ with Pixel2pixel Generator from Pap smear Images	International Journal of Computational Engineering Research (IJCER)	May - June. – 2023
6	Jeslin P Jo	Behavioral and Vital Analysis of Immobilized Patients	International Journal of Computational Engineering Research (IJCER)	May - June. – 2023
7	Benoy Abraham	A Review on computer Aided Early Detection and Classification of Lung Cancer from CT Images	International conference on Emerging Technologies in Engineering and Applied Sciences(ICETEAS 2023)	April 2023
8	Anoop E G	IoT and ML-based automatic irrigation system for smart agriculture system	Agronomy Journal	March 2023
9	Ambili A R	A Comprehensive Review on Speech Spoofing Detection a Journey from Conventional to Deep Learning Methods	International Journal of All Research Education and Scientific Methods (IJARESM)	June-2023
10	Dr.Bejoy Varghese	Storage space reduction in picture archiving and communication system using generative adversarial network	International Journal of Ad Hoc and Ubiquitous Computing	17-May-2023
11	Pearlsy P V	Malayalam Handwritten Character Recognition using Transfer Learning and Fine Tuning of Deep Convolutional Neural Networks	2023 3rd International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS) 2023 May 18 (pp. 125-129). IEEE.	May 2023
12	Noble G	“MOSCON: Modified Outer Product based Sparse Matrix-Matrix Multiplication Accelerator with Configurable Tiles	2023 36th International Conference on VLSI Design and 2023 22nd International Conference on Embedded Systems (VLSID)	January 2023
13	Ambili A R	Spoken Language Identification of Indian Languages in Adversarial Synthetic and Noisy Attacking Environments	22 International Conference on Computing, Communication, Security and Intelligent Systems (IC3SIS), Kochi, India, 2022	15/9/2022

SL.N O.	NAME OF FACULTY	NAME OF TRAINING	DATE	CONDUCTED BY	No. of days
1	Dr. Krishna Kumar S.	Advanced Micro/ Nanosensor Technologies	18-07-2022 - 20-07-2022	Dept. of ECE, Govt. Engineering, College Palakkad, Sreekrishnapuram	3
		Advanced Research and Quality Publication	29-08-2022 - 02-09-2022	FISAT	5
		Environmental Issues in Societal Development	22-08-2022 - 26-08-2022	Dept. of Civil Engineering, College of Engineering, Kidangoor	5
2	Neena K A	Advancement in Image Processing Applications	29-08-2022 - 02-09-2022	SCMS, Karukutty	5
3	Deepa N R	FDP on Outcome based Education	2/1/2023- 2/9/2023	PPG institute of Science	7
		Advanced Research and Quality Publication	29-08-2022 - 02-09-2022	FISAT	5
4	Nimmy M Philip	FDP on Outcome based Education	2/1/2023- 2/9/2023	PPG institute of Science	7
5	Subha Thomas	FDP on Python,LPC 1769,RTL-SDR IC and PCB design	23-08-2022 - 27-08-2022	,Mar athanasius Engineering College ,Kothamangalam	5
		Advanced Research and Quality Publications	29-08-2022 - 02-09-2022	FISAT	5
6	Benoy Abraham	Advanced Micro/Nanosensor Technologies	7/18/2022- 7/20/2022	Government Engineering College Palakkad, Sreekrishnapuram	3
		Medical Image Processing using Deep Learning Techniques	1/23/2023- 1/28/2023	Dept of CSE, Sahradaya College of Engineering and Technology	5
7	Minu Kuriakose	ADVANCED MICRO/NANOSEN SOR TECHNOLOGIES.	18-07-2022 - 20-07-2022	GEC,PALAKAD	3
8	Christy Jose	Advancements in Image Processing Applications	8/29/2022- 9/2/2022	Department of CSE,SSET	5
		Emerging trends in additive manufacturing technologies	1/30/2023- 2/3/2023	Department of Mechanical engineering	5

9	Jilu George	Advancements in Image Processing Applications	29-08-2022-02-09-2022	SCMS School of Engineering and Technology	5
10	Nisha R	ENVIRONMENTAL ISSUES IN SOCIETAL DEVELOPMENT'	8/22/2022-8/26/2022	Department of Civil Engineering, College of Engineering Kidangoor	5
11	Anu K Kuriakose	Advanced Research and Quality Publication	29-08-2022 - 02-09-2022	FISAT	5
12	Sheelu Susan Mathews	Environmental issues in social development	22-09-2022 - 26-09-2022	College of Engineering, kidangoor	5
		Advanced Micro/Nanosensor Technologies'	18-07-2022 - 20-07-2022	Department of Electronics and Communication Engineering, Government Engineering College Palakkad,	3
13	Dhanya S	Advancements in Image Processing Applications	29-08-2022 - 02-09-2022	SSET , Karukutty	
14	Jeslin P Jo	ENVIRONMENTAL ISSUES IN SOCIETAL DEVELOPMENT	22-08-2022 - 26-08-2022	College of Engineering Kidangoor	5
		Advanced Research and Quality Publication	29-08-2022 - 02-09-2022	FISAT	5
15	Manju C P	ENVIRONMENTAL ISSUES IN SOCIETAL DEVELOPMENT	22-08-2022 - 26-08-2022	College of Engineering Kidangoor	5
		ADVANCED RESEARCH AND	29-08-2022 - 02-09-2022	FISAT	5
16	Manu Mohan	Advanced Research and Quality Publication	29-08-2022 - 02-09-2022	FISAT	5
		ENVIRONMENTAL ISSUES IN SOCIETAL DEVELOPMENT	22-08-2022 - 26-08-2022	College of Engineering Kidangoor	5
17	Gayathri I K	Advanced Research and Quality Publication	29-08-2022 - 02-09-2022	FISAT	5
		Advanced Micro/Nanosensor Technologies	18-07-2022 - 20-07-2022	Government Engineering College Palakkad	3
		ENVIRONMENTAL ISSUES IN SOCIETAL DEVELOPMENT	22-08-2022 - 26-08-2022	College of Engineering Kidangoor	5

18	Noble G	Web Application Development and Application Deployment in cloud	29-08-2022 - 02-09-2022	FISAT	5
		Advanced Research and Quality Publication	29-08-2022 - 02-09-2022	FISAT	5
19	Sreelekshmy S	Advanced Research and Quality Publication	29-08-2022 - 02-09-2022	FISAT	5
		Environmental issues in social development	22-09-2022 - 26-09-2022	College of Engineering, kidangoor	5
20	Bini V K	Environmental issues in social development	22-09-2022 - 26-09-2022	College of Engineering, kidangoor	5
21	Leena Thomas	Advanced Research and Quality Publication	29-08-2022 - 02-09-2022	FISAT	5

Students Achievements

Best Outgoing Student Award

Hrithudev V S, S8 ECE A (2019 – 2023): was the Best Outgoing Student Award winner.



2019-2023 batch ECE students with Honours

Femi K salim

2019-2023 batch ECE students with minor

Aahna Maria Issac	Joemol John
Akhil Gino	Jose Ben
Alby Saji	Meera Benny
Bhavana V Nath	Namitha Jaison
Femi K Salim	Nikhitha Johnson
Godly Laiju	Niveditha Mathew
Hrithudev V S	PAnand
Ishika Trony	Pratyush P T
Jayadev G	V Shyam Krishnan
Jewel M Jackson	Vandana P.

PTA Perseverance Awards

SI NO	Position	Name of the Student	CG PA
2021 Admission	1	P SREYA	9.76
	2	JOSEPH THOMAS	9.68
	3	NEHA ANN CHRISTOPHER	9.59
	4	VENUS THOMAS	9.56
2020 Admission	1	NAVYA JOSE	10
	2	GOWRI NANDA S	9.78
	3	HELEN MARIA SHA	9.75
	4	HANEENA SAJAN	9.72
2019 Admission	1	R AISHWARYA	9.82
	2	NIKHITHA JOHNSON SOWMYA S	9.56
	3	CHRISTY SEBI	9.4
	4	P ANAND	9.39

PLACEMENT STATISTICS [2019-2023 BATCH]

Sl.no.	Name of the Student	Company
1	AAHNA MARIA ISSAC	Cognizant
2	AAKASH S	Tataelxsi, TCS,Cognizant
3	ABDULLAH P A	Travancore Analytics
4	ADHITH SREEDHAR K	IBS
5	ADITHYA DILEEP	TCS
6	ADITHYA K V	Sutherland,Ruby Seven Studios
7	AFTAB ALI	Sutherland
8	AISWARYA SHANMUGHAN	Sutherland
9	AJAIKRISHNA B	Sutherland
10	AKHIL DHANESH	TCS- Digital
11	ALBY SAJI	Amzur Infotech Pvt Ltd
12	ALEXANDER JACOB	Ruby Seven Studios,Mindcurv
13	ALHA MARIYA ANTONY	Sutherland
14	ALVIN PAUL	Sutherland
15	AMAL MADHAV K G	Sutherland
16	AMAL MATHAI	Jobin & Jismi
17	AMAL NADH K	CodeYoung
18	AMAR P K	TCS
19	ANEES MOIDEEN K S	Sutherland
20	ANGELIN VARGHESE	Sutherland
21	ANGEL PAUL	Sutherland
22	ANNET GEORGE	Sutherland,Jobin & Jismi
23	ANTONY VARGHESE	Travancore Analytics
24	ARAVIND S	SOTI
25	ARJUN P	IBS

26	ARYA N A	Tataelxsi,TCS
27	ASHLI NASEER	Hexaware
28	ASHWIN MURALI NAIR	Sutherland
29	ASWIN J	TCS
30	ATHIRA RAMESH	CodeYoung
31	AVINASH KRISHNA P K	Sutherland
32	BHAVANA V NATH	Cognizant
33	CATHARINE SEBI	Sutherland
34	CHIPPY PAUL	Sutherland
35	CHRIS JOSE	Sutherland
36	CHRISTY SEBI	TCS,Kalkitech,People10,Cognizant
37	DHENUKA K P	Qburst,Experion
38	FEMI K SALIM	TCS
39	GODLY LAIJU	Qburst,Cognizant
40	GOPIKA RAJESH	TCS,Cognizant
41	HARISANKAR S	IBM,Cognizant
42	HELEN MARIA RENJITH	IBS,Cognizant
43	HRITHUDEV V S	Hexaware,Tataelxsi,Cognizant
44	ISHIKA TRONY	IBS,Cognizant
45	JAYADEV G	TCS,SOTI
46	JEWEL M JACKSON	People10
47	JOEMOL JOHN	TCS
48	JOSE BEN	IBS,TCS,EY,Cognizant
49	KARINA P JOSHI	TCS,IBM,Cognizant
50	KRISHNA PRIYA P	Travancore Analytics,Cognizant
51	K S GOPI KRISHNAN	Mindcurv
52	K S SOORAJ	Tataelxsi

53	LAKSHMI S NAIR	Cognizant
54	MALAVIKA M NAIR	quest global
55	MANAL ZUBAIR	TCS,Cognizant
56	MEERA BENNY	Cognizant
57	MUHAMMED SADHATH V H	Turbolab Technologies
58	NANDANA M	TCS
59	NAVEENA T S	Cognizant
60	NIKHITHA JOHNSON	Tataelxsi,TCS
61	NIMA SUBAIR	Tataelxsi
62	NIVEDHYA GOPI	Hexaware
63	NIVEDITHA MATHEW	Cognizant
64	NOEL MATHEW	Tataelxsi
65	P ANAND	IBS
66	PRAGATHY MOHANAN	Amzur Infotech Pvt Ltd
67	PRAHARSHA SOORAJ	TCS
68	PRATYUSH P T	TCS
69	R AISHWARYA	IBM,Orion,People10
70	RAZAL ALI K A	IBS,Cognizant
71	RIDDHI M SARBENDER	Cognizant
72	SAANTHANU PRASAD	KGIS
73	SANOOP M J	TCS
74	SEETHA M N	TCS,Cognizant
75	SIDHARTH V NAIR	CodeYoung
76	SOWMYA S	TCS,Kalkitech
77	SRILEKSHMI J NAIR	TCS,Qburst,Cognizant
78	SUDHEEP S	CodeYoung
79	TANISHA MARIA RENJY	TCS
80	THEJUS JOSEPH	TCS
81	VANDANA P	Tataelxsi

CLASS PHOTOS



Industrial visit of S6 ECE A & B



The Department of Electronics and Communication Engineering at the Federal Institute of Science and Technology (FISAT) organized an industrial visit for sixth semester A & B batch students from April 22 to 26, 2023. Guided by faculty coordinators Ms. Aiswarya Raj, Ms. Ambili A R, Mr. Basil K Jeemon Asst. Profs, ECE Department and Mr. Prince Mattom Asst. Profs, ME Department, the visit aimed to provide students practical exposure to the manufacturing processes and operations of Asian Granites, while also exploring the application of electronics and communication engineering in the industry.

Newsletter Committee

Faculty



Christy Jose

Assistant Professor Special grade , ECE



Elza George

Assistant Professor Special grade , ECE

STUDENTS

1. Aiswarya Jayakumar
2. Hridya C.
3. Alan Varghese
4. Malavika Pradeep